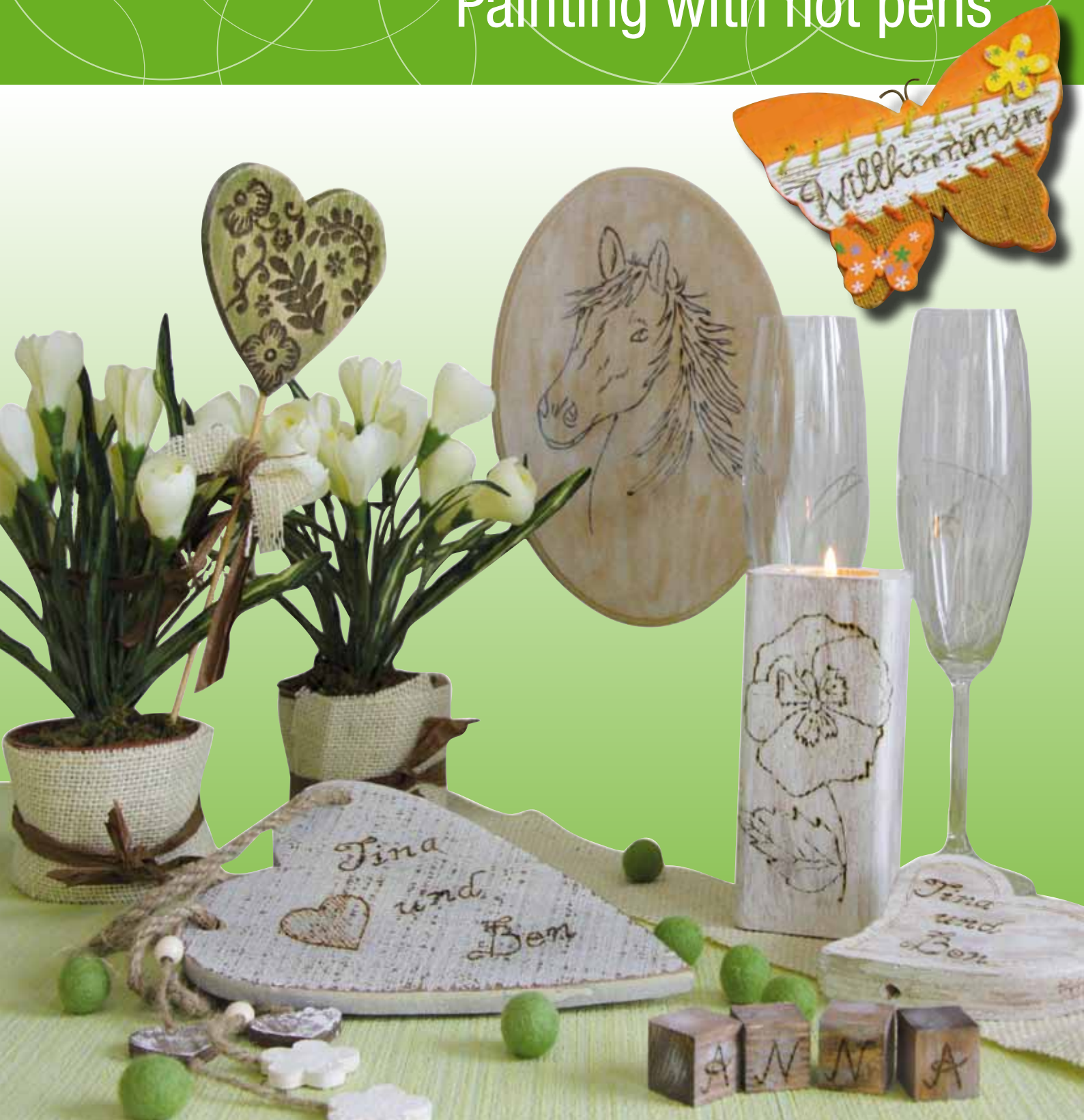


Pyrography

Painting with hot pens



- Step by step instructions
- Product range
- Interesting facts
- Examples and patterns

Painting on wood with hot pens.

This classic painting technique can be traced back to the cowboys in America. They used it to protect their owner-ship rights to the cattle on the prairies by branding their skin with their initials, monogram or the farmer's name. In time the cowboys discovered that this burning technique could also be used on wood. This idea led to simple visual motifs of regional animals and plants being burned on wooden beams and boards.

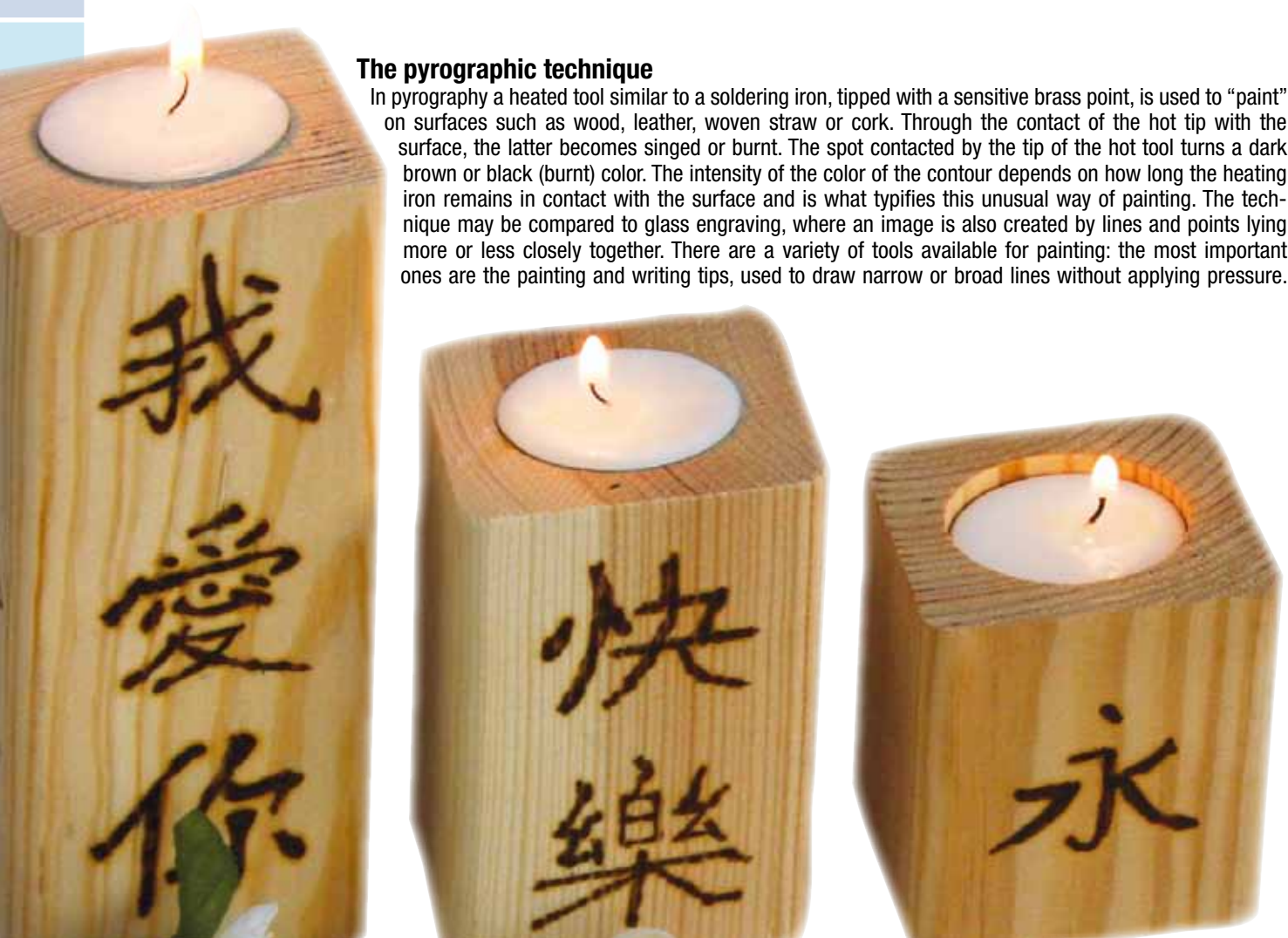
A new, decorative type of design "pyrography" thus came into being. Simple pointed metal objects were used to do the burning. They were heated over a fire until they were red hot and then guided over the wooden surface to create writing or a picture.

Soon the pyrographic technique was developed further and they had the idea of using it to decorate leather goods such as saddles, belts and other objects. The same was true for furniture where wooden chests and cupboards were the most popular objects as they could be decorated over large areas with flowers, tendrils and animal designs. Once the soldering iron had been invented, it was just a short step to come up with the first electrical branding iron. What started with a purely functional and practical tool has developed more and more into a unique hobby which today has become a professional art form, thanks to the skill of its practitioners.



The pyrographic technique

In pyrography a heated tool similar to a soldering iron, tipped with a sensitive brass point, is used to "paint" on surfaces such as wood, leather, woven straw or cork. Through the contact of the hot tip with the surface, the latter becomes singed or burnt. The spot contacted by the tip of the hot tool turns a dark brown or black (burnt) color. The intensity of the color of the contour depends on how long the heating iron remains in contact with the surface and is what typifies this unusual way of painting. The technique may be compared to glass engraving, where an image is also created by lines and points lying more or less closely together. There are a variety of tools available for painting: the most important ones are the painting and writing tips, used to draw narrow or broad lines without applying pressure.



Painting instructions

Prepare the object you want to burn your painting on. You can also use this technique on leather objects such as book covers, bag covers, brushes, desk underlays, wastepaper baskets, belts, etc. Another tip: Thoroughly sand the wooden surface with sand paper to remove loose wood fibers, thus creating a smooth surface over which the painting tip will glide much more easily.

Before starting sketch the desired picture on the surface. You can also use transfer paper to transfer an existing template. First fix the required tip in the handpiece and only then plug it into the socket.

Important: Always put the hot handpiece down on a metal object, e.g. on a tin lid. This will prevent unintentional burning of the desk or work surface.

Hold the handpiece like a pencil and slowly move it along the sketched line on the object. Use small wooden board for your first attempts. Draw the outlines of simple design on them. For your first attempt use a small tool with a slightly rounded tip. Make sure you keep close to the contour line and that the tool produces a line of constant width and color.

Important: Do not apply pressure to the tip. The burning effect is produced solely by the heat and the time the tip spends on the wooden surface.

Another design variant is the tracing of a line like an ear of corn. To do this, start by drawing a line and after a few seconds raise the tip and draw it away. The initially broad line thus becomes thinner. This technique can be used for shading and also for creating leaves and flowers.

When burning wood, traces of resin may become attached to the tip, resulting in an uneven burning line. To avoid this it may be necessary to clean the tip from time to time using a small brass wire brush.

The finished wooden object with its decorative design then can be colored using wood stain (Art. 72 151). The surface of the wood can also be coated with matt wood varnish to protect it (70 031.98) and then lightly

sanded with fine sandpaper after it has completely dried. Then paint it with water colors to create a stunning piece of decoration. Varnish will not only preserve the color but also make the surface resistant to dirt and humidity.



Burning pen (230 V / 25 W)

The most important tool for pyrography is a small handpiece which can be universally used thanks to the multitude of different tips available. The handpiece is delivered in a practical starter kit with a heat-resistant stand, three different pens and a user manual.



38 002	Burning pen (230 V / 25 W) with a universal Schuko-type plug – 1 pcs.	SB Set	PU 3
38 002 CH	Burning pen (230 V / 25 W) w. Swiss plug – 1 pcs.	SB Set	PU 3
38 002 GB	Burning pen (230 V / 25 W) w. Britain-plug – 1 pcs.	SB-Set	PE 3

*Appliances in the UK, Ireland and Iceland are supplied with a British plug.

Professional pyrography set

This practical and well-equipped starter set includes the handpiece together with 20 different burning tools which can be used to create uniquely beautiful designs. The box has also been designed for storing each of the burning tools, tips and punches in their own position after use.

The package includes

- 1 230 V / 25 W burning pen
- 1 handpiece clip
- 10 burning tips
- 9 burning irons
- 1 polystyrene knife holder and blade
- 1 detailed instruction manual



38 001	Professional pyrography set (230 V / 25 W) w. Schuko plug – 1 Set	SB Set	PU 3
38 001 CH	Professional pyrography set (230 V / 25 W) set 2w. Swiss plug – 1 Set	SB Set	PU 3
38 001 GB	Professional pyrography set (230 V / 25 W) w. Grait-Britain plug – 1 ass.	SB Set	PU 3
38 001 IS	Professional pyrography set (230 V / 25 W) w. Israel-plug – 1 ass.	SB Set	PU 3



“Junior” starter kit (230 V / 24 W)

For safety reasons the small handheld burning pen is supplied with low voltage via a transformer. The output voltage is 12 V which is high enough to burn one's own unique designs. The built-in thermostat keeps the burning iron at a constant output temperature thus ensuring a consistent burning process.

The package includes:

- 1 control unit with 230 V / 24 W on-off switch
- 1 adapted burning pen
- 3 different U-shaped burning tips
- 1 brass wire brush
- 1 handpiece clip
- 1 instruction manual with sample designs



38 005	Junior” starter kit (230 V - 24 W) – 1 pcs.	Package	PU 3
38 005 GB	Anfangs-Kit „Junior“ 230 V - 24 W w. Britain-plug– 1 St.	Package	PU 3
38 005 CH	Junior” starter kit (230 V - 24 W) w. Swiss-plug– 1 pcs.	Package	PU 3

“Foritan” controllable burning pen system (230 V – 20 W)

This appliance has been developed with professionals and serious artists in mind. Through an integrated transformer the 230 V circuit is separated from the operating current of the burning pen for safety reasons. This is important when the appliance is used in schools or training workshops. It also offers a further important advantage: with the light, 12 V handpiece (burning pen) you can also hatch wooden surfaces or burn more intensely. This is done by raising or lowering the burning temperature at the control unit. The set also contains a polystyrene cutter. The cutter heat can be set very low to achieve the exact temperature required for cutting the polystyrene.

The package includes:

- 1 230 V / 24 W control unit
- 1 adaptable burning pen
- 6 different writing and burning tips
- 3 decor burning tips
- 1 polystyrene cutting knife with holder
- 1 brass wire brush
- 1 handpiece clip
- 1 instruction manual with patterns



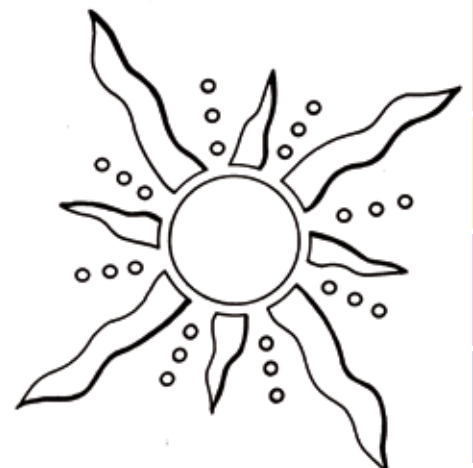
38 006	Burning pen system “Foritan” (230 V - 20 W) – 1 pcs.	Package	PU 2
38 006 GB	Burning pen system “Foritan” (230 V - 20 W) w. Britain-plug – 1 pcs	Package	PU 2



Patterns from the
pattern folder:
“Pyrography –
naturally beautiful!”

我愛你

I love you



“Master” burning system (230 V – 24 W)

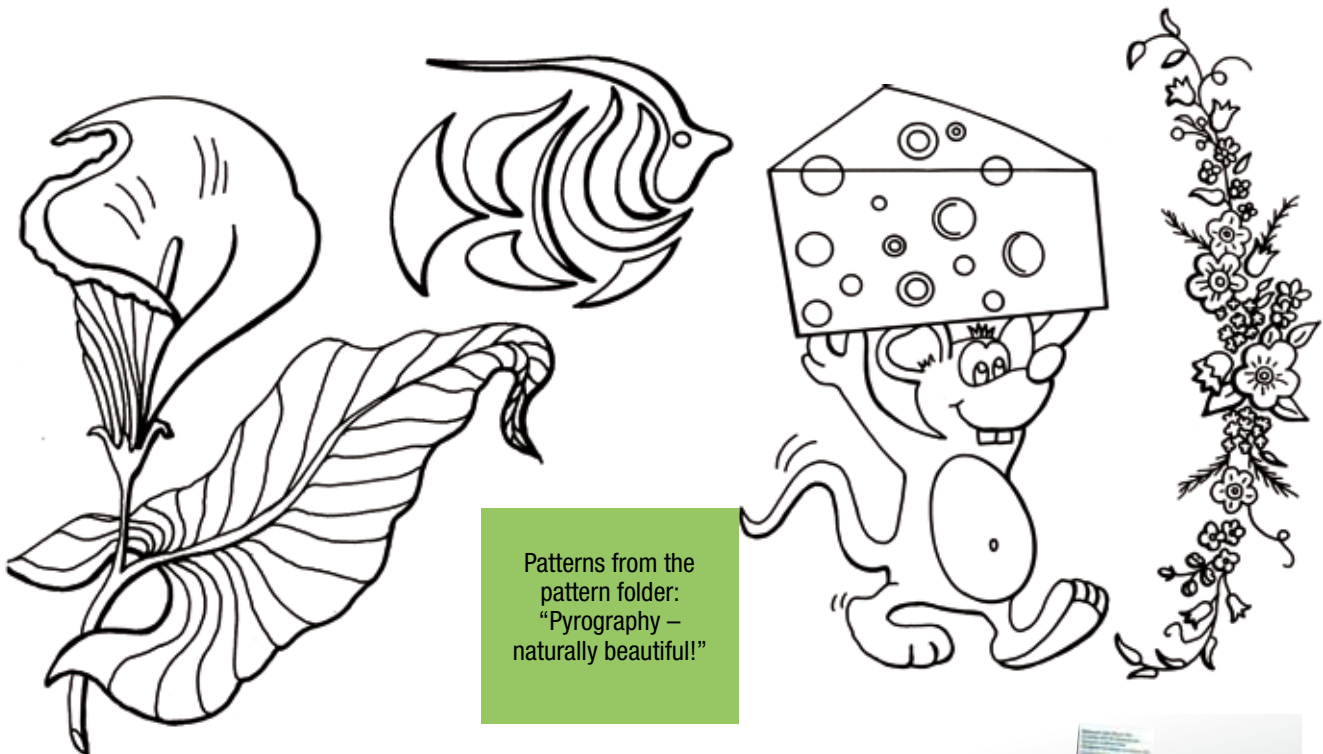
The woodburner is equipped with a transformer which converts the 230 V AC mains supply to 12 V DC. Thus the appliance complies with all relevant safety regulations making it suitable for use in schools, training workshops or therapy centers. Furthermore the heating temperature can be set as required via the integrated, high-performance thermostat in the control unit and kept at a constant temperature. This makes the “Master” burning system not only a specially well suited appliance for artistic burning but also for professional burning of elaborate decorative designs on wooden, leather and cork objects in the handicrafts field.

The package includes:

- 1 adjustable control unit with adapted burning tips
- 3 differently shaped burning loops (U-shaped tools)
- 1 handpiece clip
- 1 brass wire brush
- 1 instruction manual
- 1 template with sample patterns



38 007	“Master” burning system (230 V - 30 W) – 1 pcs	Package	PU 3
38 007 CH	Station „Master“ 230 V - 30 W w. Swiss-plug– 1 St.	Package	PU 3
38 007 GB	“Master” burning system (230 V - 30 W) w. Britain-plug – 1 pcs	Package	PU 3



“Pyrography” workbox

This tried and tested starter set contains all the tools and accessories you need to immediately start your first design project.

The package includes:

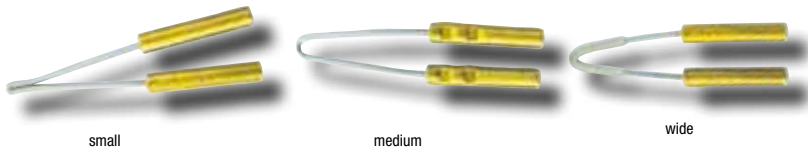
- 1 230 V / 25 W burning pen
- 6 different painting and writing tips
- 3 decorative burning tips
- 1 brush for cleaning the tips
- 1 wooden box 160 x 95 x 54 mm
- 4 plywood boards (for practicing) 120 x 90 x 4 mm
- 1 detailed instruction manual
- 1 set of templates with decorative patterns



38 000	“Pyrography” workbox (complete kit)	Work package	PU 2
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Burning loops

For the use of burning loops a special burning iron with an adapter fixture suitable for the double tips is used. This ensures long life of these very delicate burning loops.



38 031	Burning loop small	SB Set	PU 3
38 032	Burning loop medium	SB Set	PU 3
38 033	Burning loop wide	SB Set	PU 3
38 034	Burning loop set (3 different loops)	SB Set	PU 3

Burning tip set

Mostly burning tips of differing size, width and thickness are used for burning tasks. These are made from heat-conducting brass which warms up quickly and ensures that the required design can be achieved successfully. At one end of the tip there is a screw thread which ensures that the tip can be easily and safely inserted into the cooled pen. The set includes one each of the six most commonly used tips.



38 011	Burning tip set (6 different types)	SB Set	PU 3
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Pyrography – naturally beautiful (by Alexandra Häfele)

When starting out, it is a good idea to learn something about pyrography in general, how to use the tools and the various techniques available. It is also important to gain some insider knowledge about the different materials such as wood, leather, woven straw and cork. Thus this collection of templates also includes a detailed instruction manual. It also contains over 140 sample patterns covering all kinds of attractive pyrographic motifs for decorating household objects such as chairs, cupboards, garden gates, sign posts and newspaper racks as well as presents and articles of daily use. The examples in the sample folder will help you choose which objects to decorate and inspire your creativity.



05 122	Pyrography – naturally beautiful	Folder with patterns	PU 6
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Patterns from the
pattern folder:
"Pyrography –
naturally beautiful!"



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